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PTO/SB/21 (09-04)

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Total Number of Pages in This Submission

2

Application Number	10/608,737
Filing Date	June 27, 2003
First Named Inventor	James D. Parsons
Art Unit	3742
Examiner Name	Tu Ba Hoang
Attorney Docket Number	378-21-020

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	KOPPEL, JACOBS, PATRICK & HEYBL		
Signature			
Printed name	Richard S. Koppel		
Date	12/16/05	Reg. No.	26,475

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Jenny Jirkovsky	Date	December 16, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/608,737
Applicant : James D. Parsons
Filed : June 27, 2003
TC/A.U. : 3742
Examiner : Tu Ba Hoang
Docket No. : 378-21-020
Title: STABLE HIGH TEMPERATURE SENSOR/HEATER SYSTEM
AND METHOD WITH TUNGSTEN ON AlN

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

INTERVIEW RECORD

The undersigned initiated a telephone interview with Examiner Hoang on December 14, 2005 to discuss the non-final Office action mailed December 8, 2005. Claim 1 was discussed in connection with the cited prior art patents to Chang et al. and Wado et al., and it was noted that the same comments applied to independent claims 24 and 40.

The undersigned proposed the following amendment to claim 1:

1. (Currently Amended) A heater system ~~capable of self-sensing its own temperature~~, comprising:
 - an AlN substrate,
 - a W layer on said substrate,
 - a signal source connected adapted to apply a current or a voltage ~~an electrical~~ actuating signal to heat said W layer, and

a sensor connected ~~adapted~~ to sense the voltage across said W layer in the case of a current actuating signal, or the current through said W layer in the case of a voltage response ~~of said W layer to said actuating signal~~, as an indication of the temperature of said W layer, said W layer having a ~~response to said actuating signal~~ resistance which varies with the W layer's temperature.

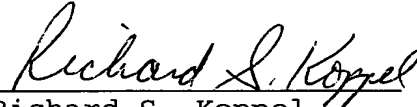
The general thrust of the undersigned's principal arguments were:

(1) The proposed amendment would satisfy both of the objections to the drawings and the 35 U.S.C. 112 rejections, and (2) in the amended claims the actuating signal was applied to the same tungsten layer whose voltage or current was sensed to provide an indication of its temperature, whereas in Chang et al. and Wado et al. a separate temperature sensor is required.

Examiner Hoang requested that the amendment and argument be faxed to him as an informal proposal for his review. The Examiner did not indicate whether the proposed amendment would result in allowance of any rejected claims.

Respectfully submitted,

Dated: 12/16/05


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